

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE CHICAGO IL
129 PM CST FRI NOV 29 2013 /229 PM EST FRI NOV 29 2013/

...LIST OF TEN TORNADOES FROM SUNDAY NOVEMBER 17TH IN THE NWS CHICAGO
WARNING AREA...UPDATED SATELLITE TORNADO NEAR DANA IL NOV 29TH...

NWS STORM SURVEY TEAMS HAVE DETERMINED THAT TEN TORNADOES
OCCURRED IN THE NWS CHICAGO WARNING AREA ON SUNDAY NOVEMBER 17TH.
IN THE NWS CHICAGO AREA...THREE OF THESE WERE OF EF-2
MAGNITUDE...FOUR OF EF-1...AND THREE OF EF-0. THIS IS THE LARGEST
NUMBER OF TORNADOES IN ANY ONE NOVEMBER EVENT ON RECORD FOR THE
NWS CHICAGO COUNTY WARNING AREA...SURPASSING THE PREVIOUS RECORD
OF SIX ON NOVEMBER 12TH 1965. INCLUDING THE TORNADOES FROM THIS
OUTBREAK...22 TORNADOES HAVE OCCURRED IN THE MONTH OF NOVEMBER IN
THE NWS CHICAGO WARNING AREA SINCE 1950. 45 PERCENT OF THESE
OCCURRED ON NOVEMBER 17TH 2013.

TO NOTE...THREE OF THESE TORNADOES CROSSED THE BORDERS OF NWS
FORECAST AREAS. TWO BEGAN IN THE NWS LINCOLN FORECAST
AREA...INCLUDING THE TORNADOES THAT STRUCK THE COMMUNITIES OF
WASHINGTON AND GIFFORD. ONE OTHER TORNADO IN NORTHWEST INDIANA MOVED
FROM THE NWS CHICAGO FORECAST AREA INTO THE NWS NORTHERN INDIANA
FORECAST AREA.

.CONTINUATION OF THE WASHINGTON IL TORNADO TO LONG POINT IL...

RATING:	EF-2*
ESTIMATED PEAK WIND:	111-135 MPH*
PATH LENGTH /STATUTE/:	11.7 MILES*
PATH WIDTH /MAXIMUM/:	200 YARDS
FATALITIES:	NONE
INJURIES:	NONE
START DATE:	NOV 17 2013
START TIME:	1133 AM CST*
START LOCATION:	4 MILES S OF RUTLAND IL*
START LAT/LON:	40.5260/-89.0363*
END DATE:	NOV 17 2013
END TIME:	1147 AM CST
END LOCATION:	3 MILES E OF LONG POINT IL
END LAT/LON:	41.0063/-88.8439

* DISCUSSION: THIS TORNADO HAD A CONTINUOUS PATH FROM TAZEWELL
COUNTY AND HAD A MAXIMUM INTENSITY OF EF-4...THOUGH EF-2 DAMAGE
WAS THE MAXIMUM FOUND IN LASALLE AND LIVINGSTON COUNTIES. THE
TOTAL TORNADO PATH LENGTH WAS 46.2 MILES. FOR DETAILS OF THE
TORNADO PRIOR TO ENTERING LASALLE COUNTY SEE INFORMATION FROM NWS
LINCOLN IL.

THE TORNADO ENTERED LA SALLE COUNTY APPROXIMATELY HALF A MILE
EAST OF STATE ROUTE 251 NORTH OF MINONK WHERE SEVERAL POWER POLES
WERE SNAPPED AT THE BASE ALONG COUNTY LINE ROAD. ON E 7TH
ROAD...A HOME HAD LARGE PORTIONS OF THE ROOF REMOVED. SMALL
OUTBUILDINGS WERE COMPLETELY DESTROYED. MORE POWER POLES WERE
SNAPPED ON E 8TH ROAD AND AGAIN ON N 2ND ROAD NEAR THE
INTERSECTION OF E 10TH ROAD. A MACHINERY SHED WAS COMPLETELY
DESTROYED ON N 2ND ROAD ABOUT HALF A MILE WEST OF DANA. A LARGE
SHED HOUSING A FIRE ENGINE WAS COMPLETELY DESTROYED WITH THE FIRE
ENGINE ROLLED ONTO ITS SIDE ON LONG POINT BLACKTOP ROAD NEAR THE

INTERSECTION OF N 400 EAST ROAD. ON THE NORTHEAST SIDE OF THAT
INTERSECTION...A WOODED AREA SAW EXTENSIVE TREE DAMAGE WITH
NUMEROUS TREES SHEARED OFF ABOUT 20 TO 30 FT FROM THEIR BASE. THE
DAMAGE PATH ABRUPTLY ENDED ABOUT HALF A MILE NORTH OF LONG POINT
BLACKTOP ROAD BETWEEN N 450 EAST ROAD AND ROUTE 23.

...ADDITIONAL TORNADO CONFIRMED FROM NOVEMBER 17TH OUTBREAK...

.SATELLITE TORNADO EAST OF DANA ILLINOIS SOUTH OF LONG TRACKED
TORNADO...

RATING: EF-0
ESTIMATED PEAK WIND: 75 MPH
PATH LENGTH /STATUTE/: 3 MILES
PATH WIDTH /MAXIMUM/: 50 YARDS
FATALITIES: NONE
INJURIES: NONE

START DATE: NOV 17 2013
START TIME: 1143 AM CST
START LOCATION: 1 E DANA IL
START LAT/LON: 40.9587 / -88.9251

END DATE: NOV 17 2013
END TIME: 1146 AM CST
END LOCATION: 2 SSE LONG POINT IL
END LAT/LON: 40.9800 / -88.8840

* DISCUSSION: THE NATIONAL WEATHER SERVICE HAS RECEIVED STORM
CHASER VIDEO OF A SATELLITE TORNADO WHICH FORMED SOUTH OF THE
LONG TRACKED TORNADO THAT MOVED FROM WASHINGTON ILLINOIS INTO
EXTREME SOUTHERN LASALLE AND SOUTHWEST LIVINGSTON COUNTY. THIS
TORNADO ONLY LAST A FEW MINUTES AND NO DAMAGE HAS BEEN CONFIRMED
WITH THIS SECOND BRIEF TORNADO.

NOTE:

THE INFORMATION IN THIS STATEMENT IS PRELIMINARY AND SUBJECT TO
CHANGE PENDING FINAL REVIEW OF THE EVENT AND PUBLICATION IN
NWS STORM DATA.

...EF-2 TORNADO CONFIRMED NEAR COAL CITY...

* EVENT TYPE: EF-2 TORNADO

* INJURIES: 3

* ESTIMATED BEGIN TIME/LOCATION: 11/17/2013...1222 PM CST
3 MILES SSW OF COAL CITY IL
LAT 41.24 LON -88.30

* ESTIMATED END TIME/LOCATION: 11/17/2013...1233 PM CST
4 MILES NNE OF WILMINGTON IL
LAT 41.35 LON -88.13

* PATH LENGTH: 12.9 MILES

* MAXIMUM ESTIMATED WIND SPEED: 122 MPH

* MAXIMUM ESTIMATED PATH WIDTH: 200 YARDS

* DISCUSSION: THE TORNADO FORMED JUST NORTHWEST OF THE INTERSECTION OF E BRACEVILLE RD AND S CARBON HILL RD WHERE SEVERAL SOFTWOOD TREES WERE UPROOTED. THE TORNADO THEN QUICKLY MOVED NORTHEAST JUST NORTH OF E REED RD WHERE A FAMILY RESIDENCE SUSTAINED VISIBLE DAMAGE TO ITS EXTERIOR...AND A METAL BUILDING SUSTAINED ROOF AND EXTERIOR WALL DAMAGE. DAMAGE AT THIS LOCATION WAS CONSISTENT WITH ESTIMATED WINDS OF 95 MPH OBSERVED AT THIS LOCATION.

A SINGLE FAMILY RESIDENCE SUSTAINED CONSIDERABLE DAMAGE NEAR THE INTERSECTION OF BERTA ROAD AND SPRING ROAD WHERE TWO PEOPLE WERE INJURED. THE TORNADO CONTINUED INTO A SUBDIVISION NORTH OF SPRING ROAD WHERE WIDESPREAD MINOR DAMAGE OCCURRED. SEVERAL HOMES RECEIVED MORE SIGNIFICANT DAMAGE INCLUDING PARTIAL LOSS OF ROOFS AND SECOND STORY WALLS. THE TORNADO CONTINUED NORTHEAST ACROSS COUNTY LINE ROAD. CONSIDERABLE DAMAGE OCCURRED TO BUSINESSES ALONG DIVISION STREET BETWEEN COUNTY LINE ROAD AND I-55 INCLUDING AN RV STORE WHERE NUMEROUS VEHICLES WERE DAMAGED.

CONSISTENT EF-2 DAMAGE WAS OBSERVED JUST NORTHWEST OF THE RT 113 AND I-55 INTERSECTION...WHERE A HOUSE OBSERVED SIGNIFICANT EXTERIOR DAMAGE. THE TORNADO LOST INTENSITY AS IT TRACKED JUST WEST OF I-55 CAUSING WIDESPREAD TREE DAMAGE...BEFORE CROSSING I-55 NEAR WIDOWS RD WHERE SEVERAL HARDWOOD TREES WERE UPROOTED. THE TORNADO CONTINUED NORTHEAST AFFECTING A PHEASANT FARM...BEFORE FURTHER WEAKENING AS IT MOVED NORTHEAST INTO THE MIDWIN TALLGRASS PRAIRIE. FURTHER DAMAGE TO SEVERAL METAL STRUCTURES WERE OBSERVED JUST WEST OF RT 53 WITHIN THE MIDWIN PRAIRIE...BEFORE LIFTING EAST OF RT 53.

...EF-2 TORNADO CONFIRMED NEAR MANHATTAN AND FRANKFORT IL...

* EVENT TYPE: EF-2 TORNADO.

* INJURIES: NONE.

* ESTIMATED BEGIN TIME/LOCATION: 11/17/2013...1242 PM CST
3 MILES SE OF MANHATTAN IL
LAT 41.41 LON -87.93

* ESTIMATED END TIME/LOCATION: 11/17/2013...1248 PM CST
2 MILES SSW OF FRANKFORT IL
LAT 41.47 LON -87.87

* PATH LENGTH: 5.5 MILES

* MAXIMUM ESTIMATED WIND SPEED: 125 MPH

* MAXIMUM ESTIMATED PATH WIDTH: 200 YARDS.

* DISCUSSION: A SEPARATE TORNADO FORMED FROM THE SAME THUNDERSTORM WHICH PRODUCED THE COAL CITY TORNADO...TOUCHING DOWN SOUTH OF W BRUNS RD AND EAST OF S KANKAKEE ST SOUTHEAST OF MANHATTAN ILLINOIS. THIS SEPARATE TORNADO RAPIDLY INTENSIFIED CAUSING EXTENSIVE DAMAGE TO 5 HOUSES ALONG W BRUNS RD...WITH THIS DAMAGE CAUSING THEM TO BE UNINHABITABLE. NORTH OF THIS HOUSE DAMAGE...4 HIGH TENSION POWER LINE TOWERS WERE BENT. EF-2 DAMAGE WAS OBSERVED AT THIS LOCATION WITH WINDS ESTIMATED AT 125 MPH. DAMAGE TO MULTIPLE TREES AND POWER LINES WERE OBSERVED AS THIS TORNADO CONTINUED NORTHEAST...BEFORE REACHING W DRALLE RD WHERE CONSISTENT STRUCTURE DAMAGE WAS OBSERVED. DAMAGE TO TWO HOUSES WAS OBSERVED ALONG THIS ROAD WITH DAMAGE ALSO SUSTAINED TO AN ADJACENT BARN TO THE NORTH. A SEPARATE FARM TO THE

NORTHEAST ALONG S SCHEER RD HAD ROOF DAMAGE TO THE
RESIDENCE...DAMAGE TO A METAL BARN...AND TREE DAMAGE ALL CONSISTENT
OF EF-1 INTENSITY. AS THE TORNADO WEAKENED ALONG RT 45...DAMAGE TO
ONE METAL STRUCTURE WAS ALSO OBSERVED...BEFORE THIS TORNADO LIFTED
JUST SOUTH OF W STEGER RD.

...EF-1 TORNADO CONFIRMED ALONG THE KANKAKEE AND WILL COUNTY
BORDER...

NATIONAL WEATHER SERVICE METEOROLOGISTS CONDUCTED A STORM SURVEY ON
NOVEMBER 19TH SOUTHEAST OF BEECHER ILLINOIS TO ASSESS DAMAGE
SUSTAINED FROM THE SUNDAY AFTERNOON THUNDERSTORMS.

* EVENT TYPE: EF-1 TORNADO.

* INJURIES: NONE.

* ESTIMATED BEGIN TIME/LOCATION: 11/17/2013...101 PM CST
5 MILES SE OF BEECHER IL
LAT 41.30 LON -87.55

* ESTIMATED END TIME/LOCATION: 11/17/2013...102 PM CST
6 MILES SE OF BEECHER IL
LAT 41.31 LON -87.54

* PATH LENGTH: 0.8 MILES

* MAXIMUM ESTIMATED WIND SPEED: 100 MPH

* MAXIMUM ESTIMATED PATH WIDTH: 150 YARDS.

* DISCUSSION: THIS BRIEF TORNADO QUICKLY DEVELOPED SOUTH OF E 12000N
RD CAUSING DAMAGE TO SEVERAL HARDWOOD TREES...THEN MOVING NORTHEAST
WHILE SNAPPING A SOFTWOOD TREE. THE MORE SIGNIFICANT DAMAGE CAUSED
BY THIS TORNADO WAS TO A FARM JUST NORTHEAST TO THE INITIAL
TOUCHDOWN...WITH A LARGE BARN SUSTAINING SIGNIFICANT DAMAGE TO ITS
ROOF AND OUTER WALLS. CONSISTENT DAMAGE WAS NOTED WITH TWO ADJACENT
METAL BUILDINGS SUSTAINING PARTIAL ROOF LOSS...SEVERAL SOFTWOOD
TREES SNAPPED AT THE BASE OR HALF WAY UP...AND WITH DEBRIS TOSSED
ALMOST 1000 YARDS TO THE NORTHEAST. IN ADDITION...A TRACTOR BLADE
WEIGHING ABOUT 400 POUNDS WAS MOVED 60 FEET AND A GRAIN PIPE THAT
HAD BEEN RIVETED TO THE SILO NEXT TO THE BARN WAS RIPPED AWAY AND
MANGLED AND LOFTED INTO THE FIELD. DAMAGE AT THIS LOCATION WAS
CONSISTENT WITH ESTIMATED WINDS OF 100 MPH. THE TORNADO THEN
CONTINUED NORTHEAST THROUGH A FARM FIELD WHILE WEAKENING...THEN
CAUSING MINOR STRUCTURE AND TREE DAMAGE ALONG E DELITE INN RD.
NORTHEAST OF E DELITE RD...THE TORNADO LIFTED IN AN ADJACENT FARM
FIELD.

.SOUTHERN IROQUOIS COUNTY...END OF THE GIFFORD IL TORNADO...

RATING: EF-0*
ESTIMATED PEAK WIND: 80 MPH*
PATH LENGTH: 1.0 MILE*
PATH WIDTH: 100 YARDS
FATALITIES: NONE.
INJURIES: NONE.

START DATE: NOV 17 2013

START TIME: 114 PM CST*
START LOCATION: 5 MILES SOUTHWEST OF WELLINGTON*
START LAT/LON: 40.4880/-87.7334*

END DATE: NOV 17 2013
END TIME: 115 PM CST
END LOCATION: 4 MILES SOUTHWEST OF WELLINGTON
END LAT/LON: 40.4999/-87.7227

*THIS TORNADO HAD A CONTINUOUS PATH FROM CHAMPAIGN COUNTY ACROSS
NORTHWEST VERMILLION COUNTY INTO FAR SOUTHERN IROQUOIS COUNTY.
ONLY EF-0 DAMAGE WAS FOUND IN IROQUOIS COUNTY...BUT EARLIER THE
TORNADO HAD A MAXIMUM INTENSITY OF EF-3. THE TOTAL PATH LENGTH
WAS 29.7 MILES. FOR DETAILS OF THE TORNADO PRIOR TO ENTERING
IROQUOIS COUNTY SEE INFORMATION FROM NWS LINCOLN IL.

DAMAGE: THREE HOMESTEADS HAD MINOR DAMAGE TO EITHER OUTBUILDINGS OR
TO LARGE TREES.

REMARKS: THIS WAS THE FIRST NOVEMBER TORNADO IN IROQUOIS COUNTY ON
RECORD (SINCE 1950).

.EF-0 TORNADO NEAR WELLINGTON ILLINOIS IN IROQUOIS COUNTY...

RATING: EF-0
ESTIMATED PEAK WIND: 80 MPH
PATH LENGTH: 4.6 MILES
PATH WIDTH: 75 YARDS
FATALITIES: NONE.
INJURIES: NONE.

START DATE: NOV 17 2013
START TIME: 119 PM CST
START LOCATION: 1 MILE SE OF WELLINGTON IL
START LAT/LON: 40.5283/-87.6691

END DATE: NOV 17 2013
END TIME: 123 PM CST
END LOCATION: 4 MILES NE OF WELLINGTON IL
END LAT/LON: 40.5805/-87.6171

DAMAGE: FOUR FARMSTEADS WERE IMPACTED WITH SEVERAL LARGE TREES
DOWNED OR WITH THEIR TOPS SNAPPED. ONE OUTBUILDING HAD ITS ROOF
TORN OFF.

.EF-1 GOODLAND INDIANA TORNADO...NEWTON AND JASPER COUNTIES...

RATING: EF-1
ESTIMATED PEAK WIND: 110 MPH
PATH LENGTH: 5.6 MILES
PATH WIDTH: 100 YARDS
FATALITIES: NONE.
INJURIES: NONE.

START DATE: NOV 17 2013
START TIME: 127 PM CST
START LOCATION: GOODLAND IN
START LAT/LON: 40.7616/-87.2974

END DATE: NOV 17 2013
END TIME: 132 PM CST
END LOCATION: 5 MILES NW OF REMINGTON IN
END LAT/LON: 40.8166/-87.2208

DAMAGE: LARGE GRAIN ELEVATOR IN GOODLAND HEAVILY DAMAGED WITH MULTIPLE TREES SNAPPED. ONE FARMSTEAD NEAR THE END OF THE PATH EXPERIENCED HIGH END EF-1 DAMAGE WITH DESTRUCTION OF AN OUTBUILDING AND SMALL FARM EQUIPMENT MOVED...INCLUDING ONE PIECE HAVING BEEN LIFTED AND ROLLED 50 FT INTO A DOWNED GRAIN STORAGE BIN. DEBRIS FLUNG AT LEAST ONE MILE DOWNSTREAM. THE TORNADO STARTED IN NEWTON COUNTY AND ENDED IN JASPER COUNTY.

REMARKS: THIS WAS THE FIRST NOVEMBER TORNADO...AND THE LATEST IN A CALENDAR YEAR...IN NEWTON COUNTY ON RECORD (SINCE 1950).

.EF-1 TORNADO BEGINNING IN EASTERN BENTON COUNTY INDIANA...

RATING: EF-1*
ESTIMATED PEAK WIND: 95 MPH*
PATH LENGTH: 2.9 MILES*
PATH WIDTH: 100 YARDS
FATALITIES: NONE.
INJURIES: NONE.

START DATE: NOV 17 2013
START TIME: 240 PM EST
START LOCATION: 5 MILES NW OF OTTERBEIN IN
START LAT/LON: 40.5557/-87.1475

END DATE: NOV 17 2013
END TIME: 243 PM EST*
END LOCATION: 6 MILES N OF OTTERBEIN IN*
END LAT/LON: 40.5688/-87.0953*

*TORNADO CONTINUED INTO THE NWS NORTHERN INDIANA COUNTY WARNING AREA AND INTENSIFIED.

DAMAGE: OUTBUILDING HEAVILY DAMAGED WITH SEVERAL WOOD PROJECTILES FROM THE BUILDING STUCK INTO A NEARBY GARAGE ROOF. DEBRIS FROM THIS OUTBUILDING WAS STREWN AT LEAST THREE MILES DOWNSTREAM. ANOTHER OUTBUILDING WAS HEAVILY DAMAGED AND MULTIPLE TREES DOWNED OR SNAPPED.

REMARKS: THIS WAS THE FIRST NOVEMBER TORNADO...AND THE LATEST IN A CALENDAR YEAR...IN BENTON COUNTY ON RECORD (SINCE 1950).

.EF-1 TORNADO NORTHEAST OF RENSSELAER INDIANA...JASPER COUNTY...

RATING: EF-1
ESTIMATED PEAK WIND: 100 MPH
PATH LENGTH: 10.4 MILES
PATH WIDTH: 100 YARDS
FATALITIES: NONE.
INJURIES: NONE.

START DATE: NOV 17 2013
START TIME: 150 PM CST
START LOCATION: 3 MILES NE OF RENSSELAER IN

START LAT/LON: 40.9727/-87.1152
END DATE: NOV 17 2013
END TIME: 200 PM CST*
END LOCATION: 5 MILES E OF GIFFORD IN
END LAT/LON: 41.0574/-86.9540

DAMAGE: MULTIPLE EMPTY GRAIN STORAGE BINS AND OUTBUILDINGS
DESTROYED ACROSS FOUR FARMSTEADS WITH LARGE PATHS OF
DEBRIS THROWN AROUND TWO MILES DOWNSTREAM. UTILITY POLES DOWNED.
DOZENS OF TREES OF VARYING SIZES SNAPPED.

REMARKS: THIS WAS THE FIRST NOVEMBER TORNADO IN JASPER COUNTY ON
RECORD (SINCE 1950).

NOTE:

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CHANGE PENDING FINAL REVIEW OF THE EVENTS AND PUBLICATION IN
NWS STORM DATA.

EF-SCALE...

NUMBER MAXIMUM WIND GUST

EF-0	65-85 MPH
EF-1	86-110 MPH
EF-2	111-135 MPH
EF-3	136-165 MPH
EF-4	166-200 MPH
EF-5	OVER 200 MPH

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CASTRO/DEUBELBEISS/ENDERLEN/FRIEDLEIN/IZZI/RODRIGUEZ